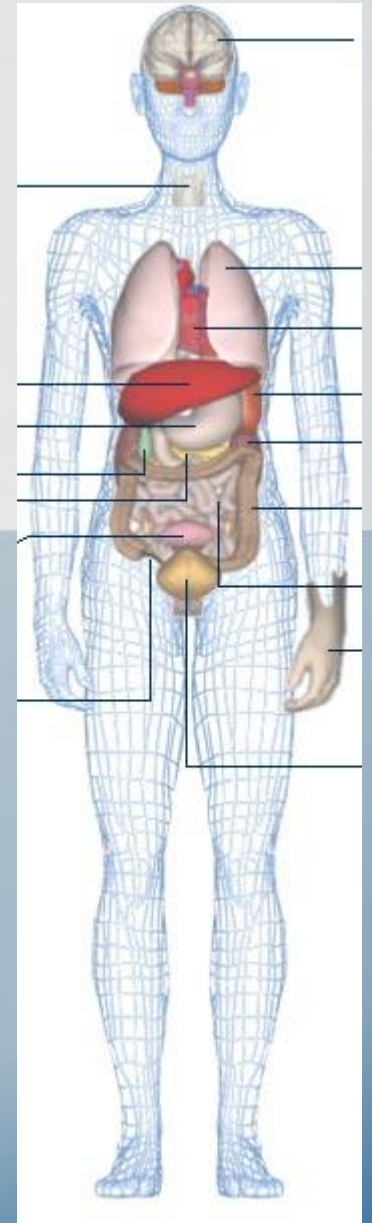


City of Chesapeake Health Profile

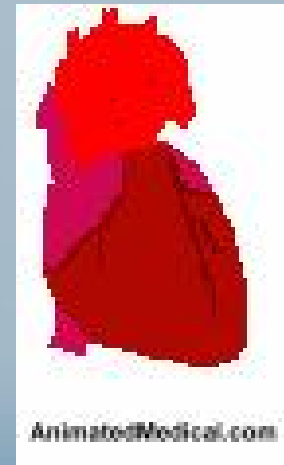
Nancy M. Welch, MD, MHA, MBA, Director
Chesapeake Health Department
May 2005



Cardiovascular Disease

Diseases of the Heart – ICD Code (does not include hypertension)

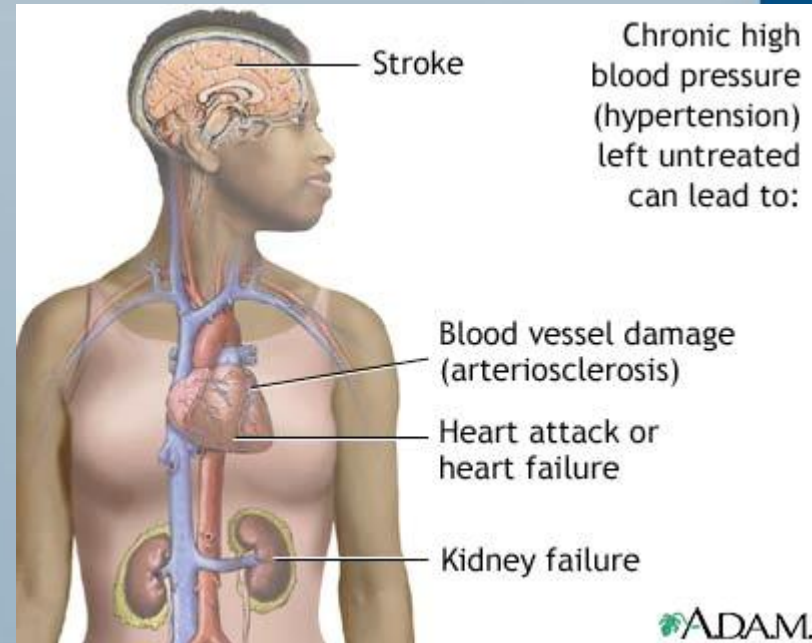
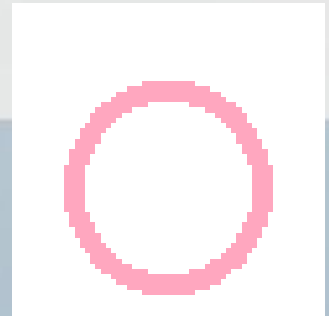
- 344 people in Chesapeake died in 2003 from Diseases of the Heart
- Chesapeake's 2003 death rate/100,000 population was 229.20*
- This death rate decreased 20.5% from 1999-2003
- Virginia's 2003 death rate/100,000 population was 217.10*



* Age-adjusted rates

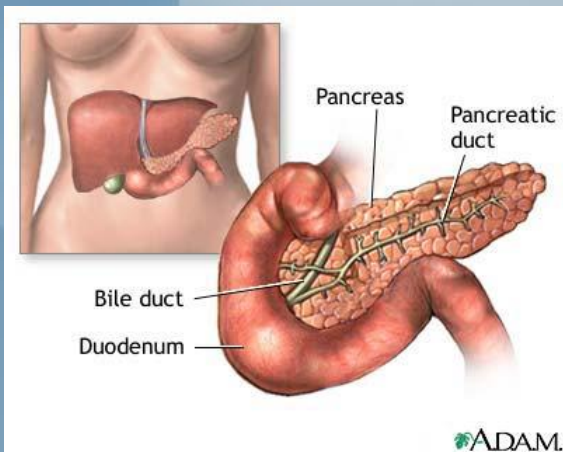
Hypertension (HPT)

- There are an estimated 43,069 persons with Hypertension in Chesapeake
- An estimated 5,642 of these persons are uninsured



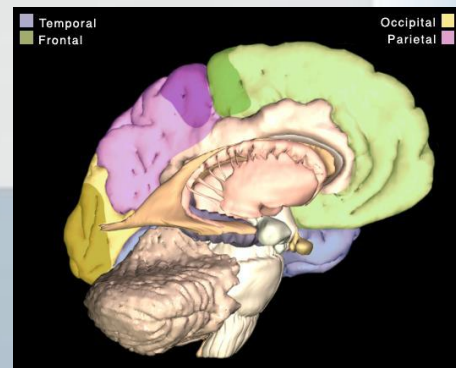
Diabetes Mellitus (DM)

- There are an estimated 12,400 people in Chesapeake with DM
- Chesapeake's 2003 death rate/100,000 population was 20.9*
- Our DM death rate decreased 17% from 1999-2003
- Virginia 2003 death rate/100,000 population was 22.7*



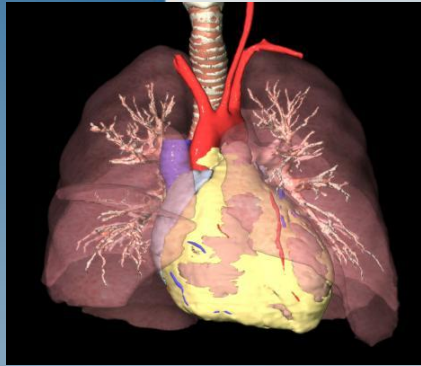
* Age-adjusted rates

Cerebrovascular Diseases

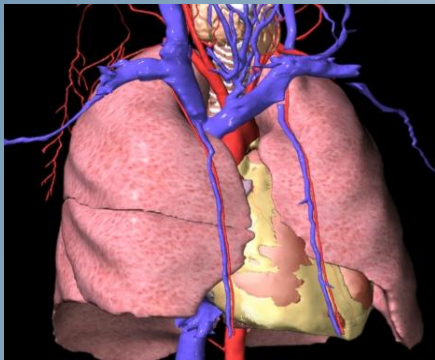


- In 2003, 97 people in Chesapeake died from Cerebrovascular Disease
- Chesapeake's 2003 death rate/100,000 population was 69.30*
- This death rate decreased 20.5%* from 1999-2003
- Virginia's 2003 death rate/100,000 population was 58.90*

Chronic Lower Respiratory Disease



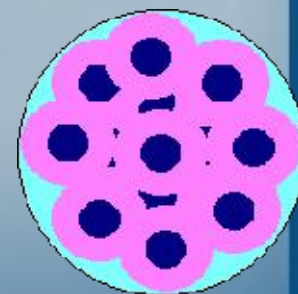
- In 2003, 75 people in Chesapeake died from Chronic Lower Respiratory Diseases
- Chesapeake's 2003 death rate/100,000 population was 51.10*
- This death rate decreased 21.1% from 1999-2003
- Virginia's 2003 death rate/100,000 population was 44.20*



Malignant Neoplasms

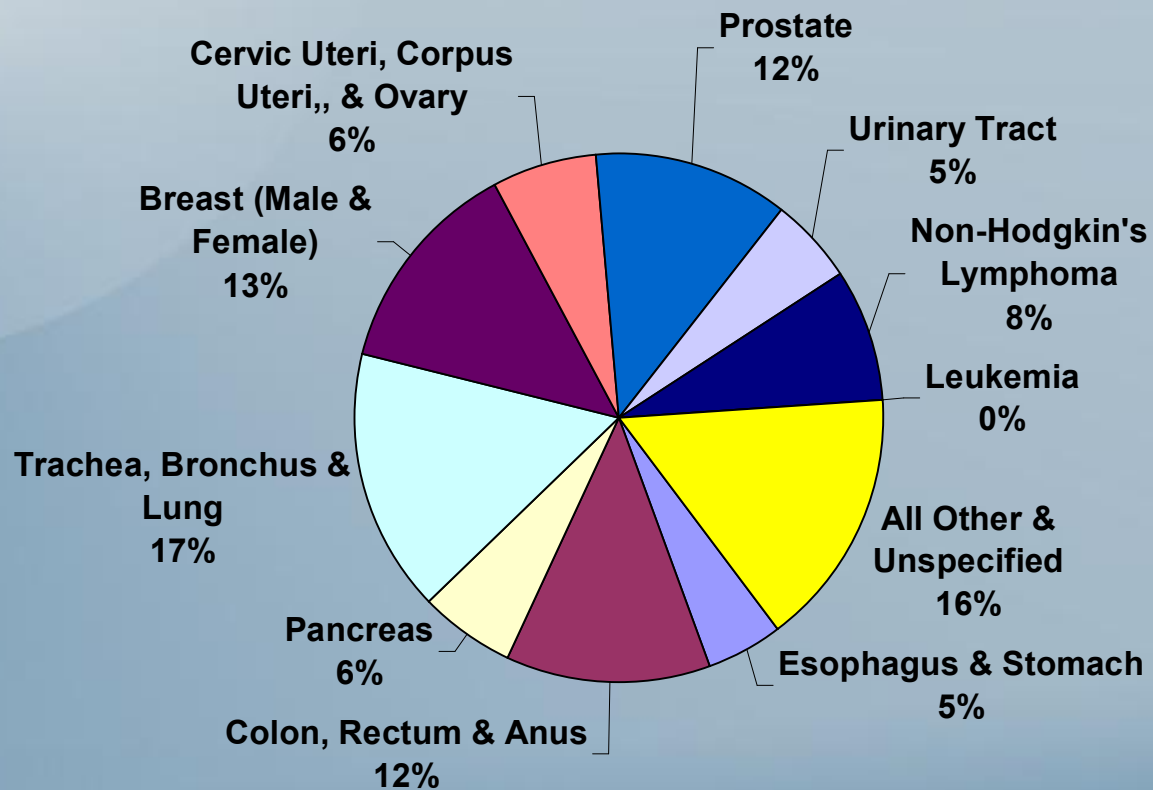


- In 2003, 337 people in Chesapeake died from Malignant Neoplasms
- Chesapeake's 2003 death rate/100,000 population was 202.00*
- This death rate increased 20.5%* from 1999-2003
- Virginia's 2003 death rate/100,000 population was 195.70*



*Age-Adjusted Rates

Percent Rank For Deaths from All Types of Malignant Neoplasms Chesapeake -2003



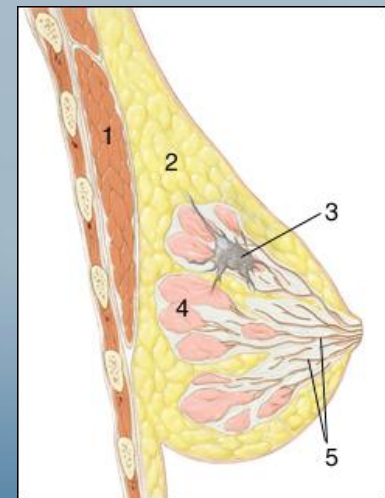


Breast & Cervical Cancer Education Program (BCCEDP)

- Chesapeake “Every Woman’s Life” Statistics:

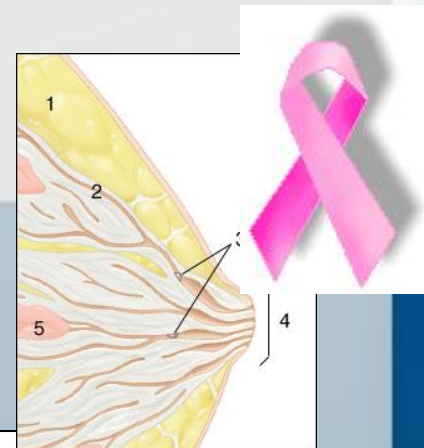
	FY 02-03*	FY 03-04	FY 04-05
# Patients diagnosed with breast cancer	2	5	6
#Patients with abnormal cervical results	4	15	10

- Six surgeons, one gynecologist, one radiologist group, one anesthesiologist group, & Chesapeake General Hospital volunteer services to this program
- During the past 12 months:
 - 6 Colposcopies
 - 29 Surgical consultations
 - 13 Biopsies
 - 4 Stereotactic biopsies
 - 14 Surgeries
 - 300 Mammograms
 - 25 Ultrasounds

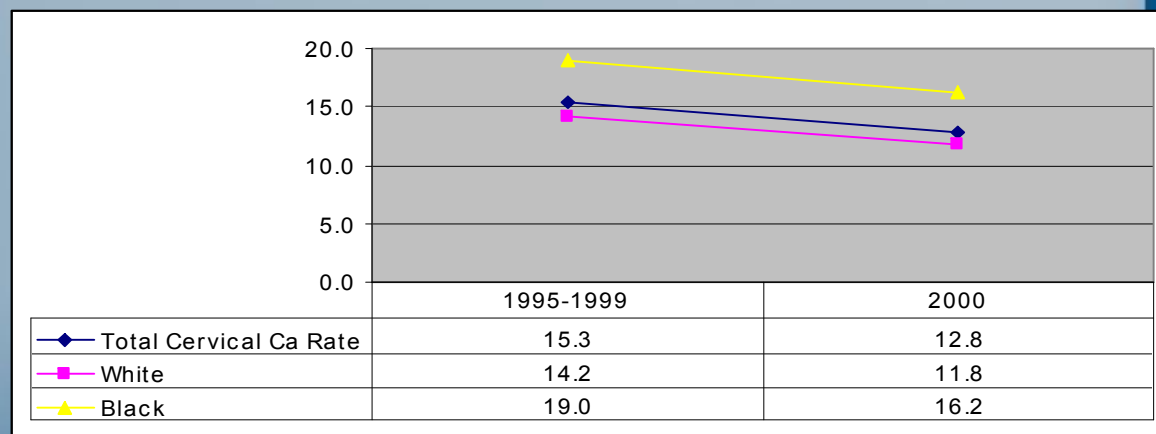
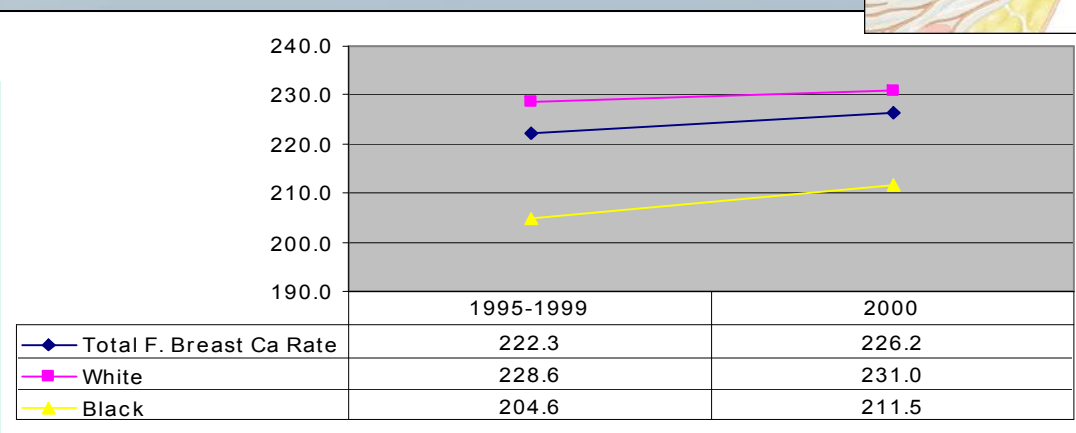


BCCEDP (continued)

- Virginia Breast & Cervical Cancer Statistics:

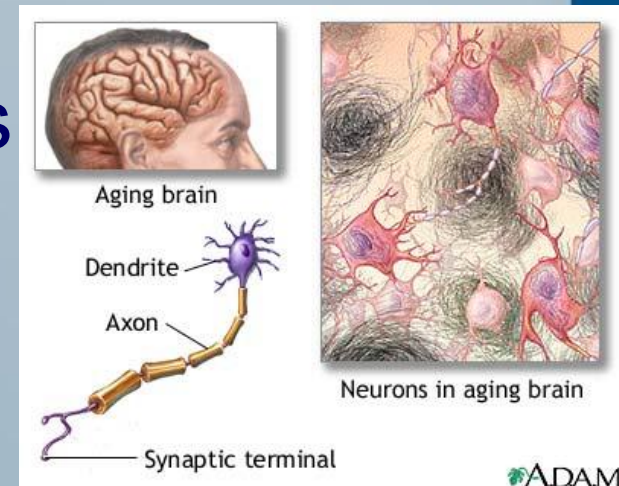


Although Black women in VA have a lower breast cancer incidence rate than White women, they have a higher death rate. Between 1996-2000, the average yearly death rate from breast cancer for Black women was 29% higher than for White women.



Alzheimer's Disease

- In 2003, 31 people in Chesapeake died from Alzheimer's Disease
- Chesapeake's 2003 death rate/100,000 population was 22.50*
- This death rate increased 38.9% from 1999-2003
- Virginia's 2003 death rate/100,000 population was 22.60*



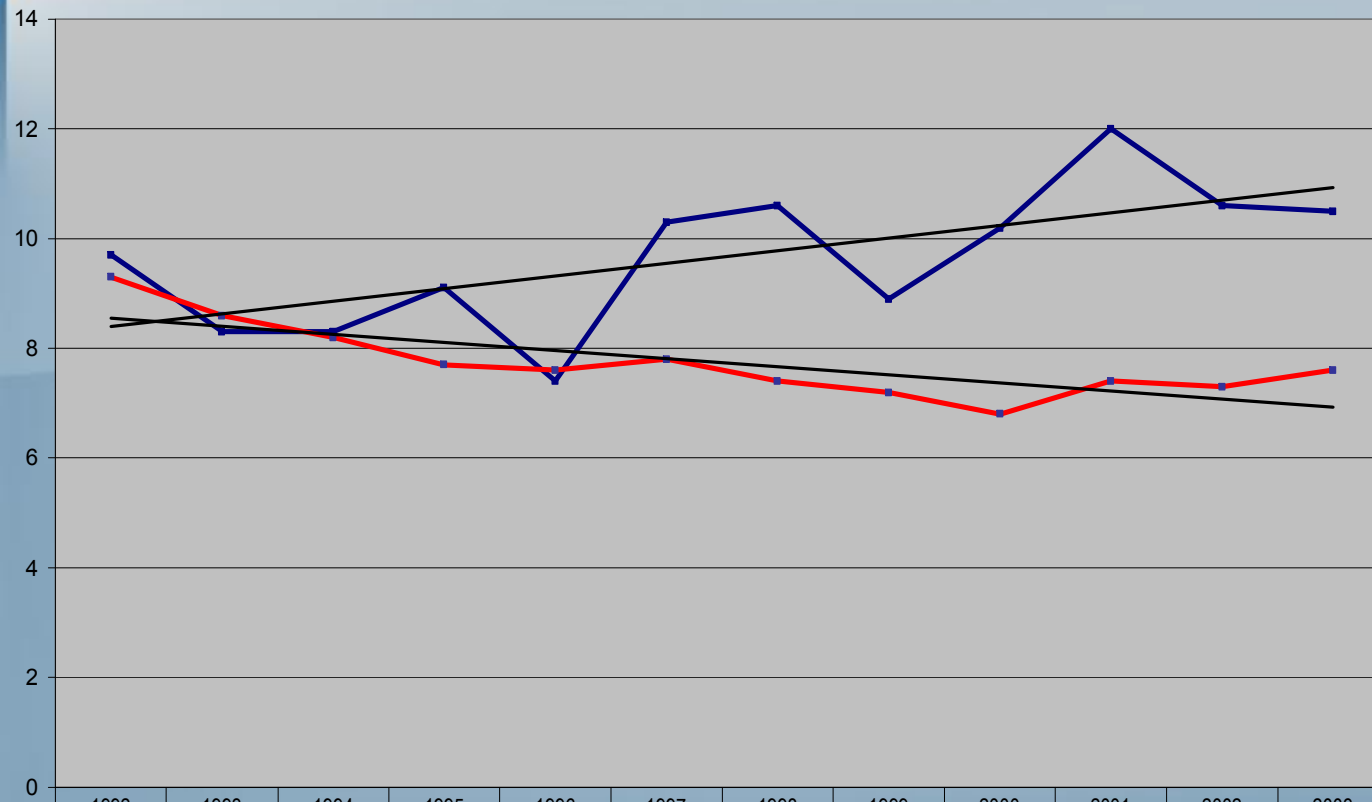
ADAM.

*Age-Adjusted Rates

Infant Mortality



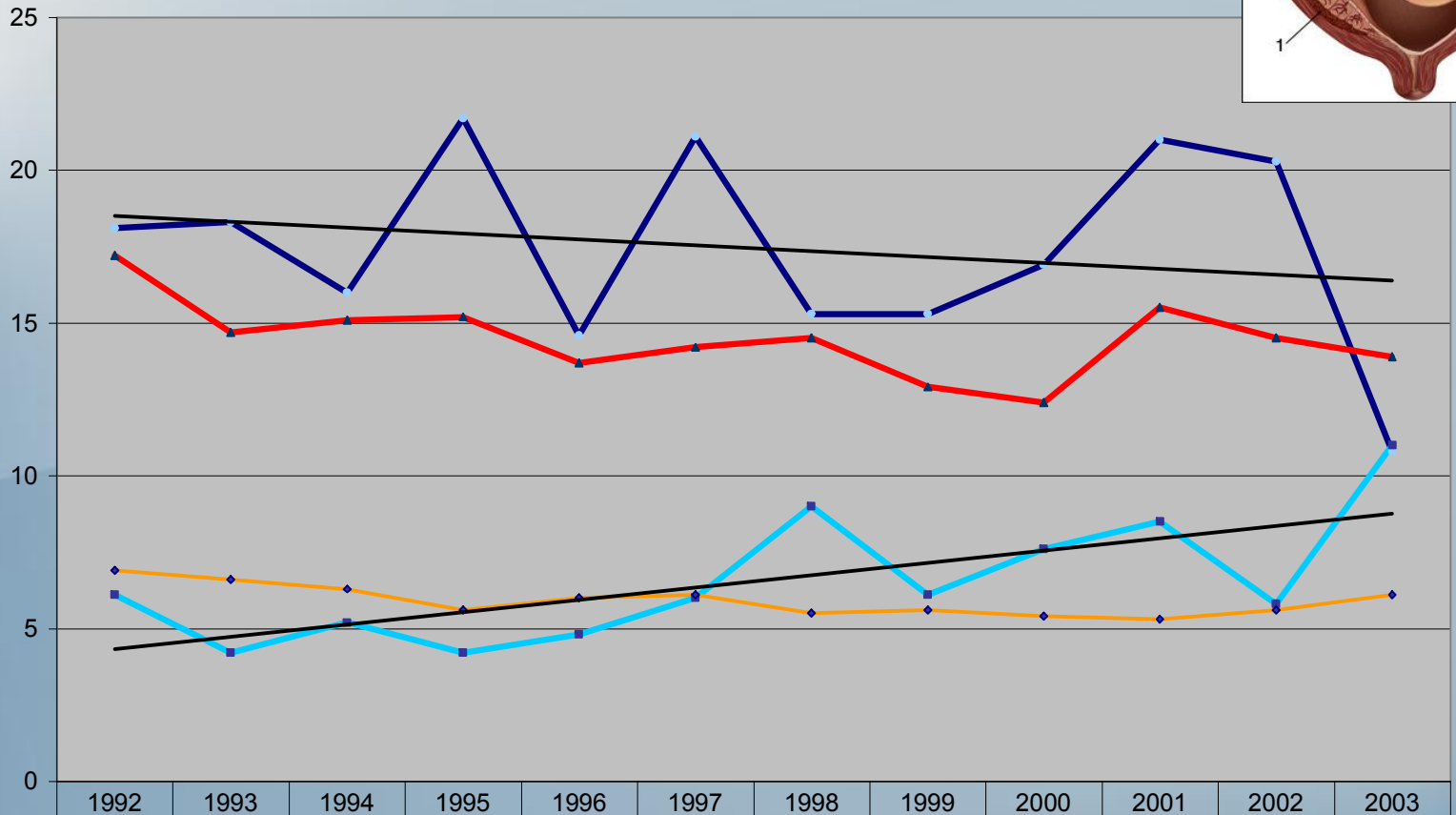
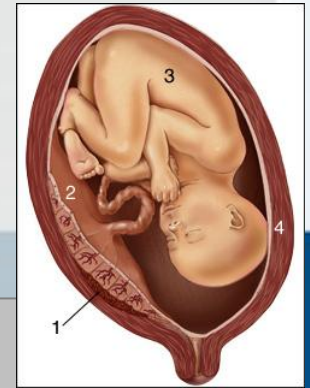
Total Infant Mortality Rate/1000 Births
w/trendlines



	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Chesapeake	9.7	8.3	8.3	9.1	7.4	10.3	10.6	8.9	10.2	12	10.6	10.5
Virginia	9.3	8.6	8.2	7.7	7.6	7.8	7.4	7.2	6.8	7.4	7.3	7.6

Infant Mortality (continued)

Infant Mortality Rates/1000 Births by Race
w/Chesapeake Trendline

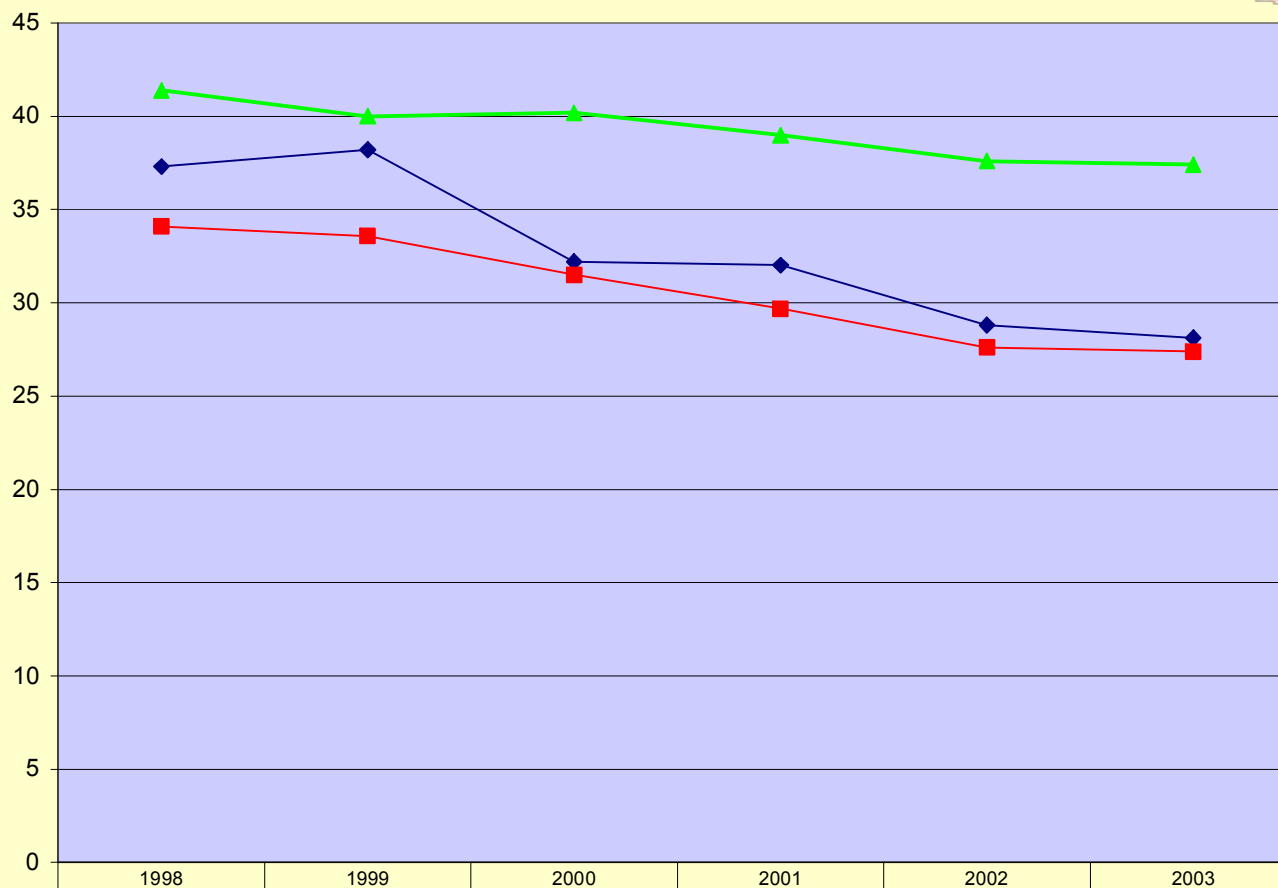


	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Chesapeake/Black	18.1	18.3	16	21.7	14.6	21.1	15.3	15.3	16.9	21	20.3	10.8
State/Black	17.2	14.7	15.1	15.2	13.7	14.2	14.5	12.9	12.4	15.5	14.5	13.9
Chesapeake/White	6.1	4.2	5.2	4.2	4.8	6	9	6.1	7.6	8.5	5.8	11
State/White	6.9	6.6	6.3	5.6	6	6.1	5.5	5.6	5.4	5.3	5.6	6.1

Teen Pregnancy

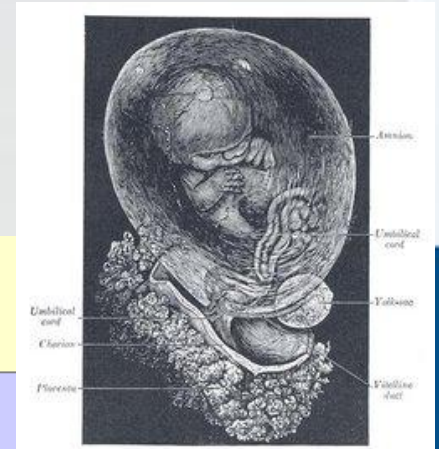


Chesapeake Teen Pregnancy
Rate/ 1,000 Female Population 10-19 y.o.

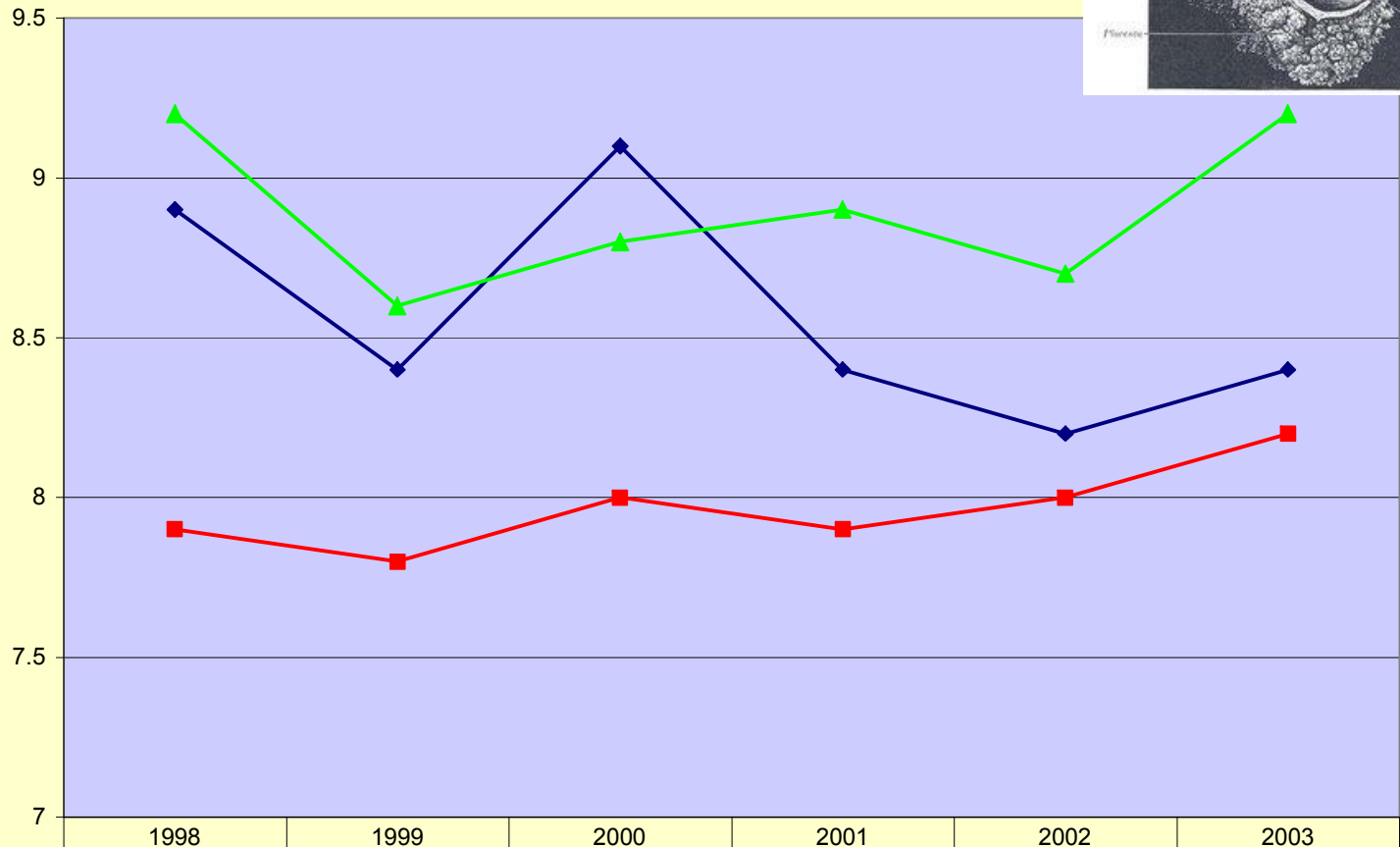


◆ Chesapeake	1998	1999	2000	2001	2002	2003
■ Virginia	37.3	38.2	32.2	32	28.8	28.1
▲ Plnng District 20	34.1	33.6	31.5	29.7	27.6	27.4
	41.4	40	40.2	39	37.6	37.4

Low Weight Birth Percent of Total Births



Low Weight Birth Percent of Total Births

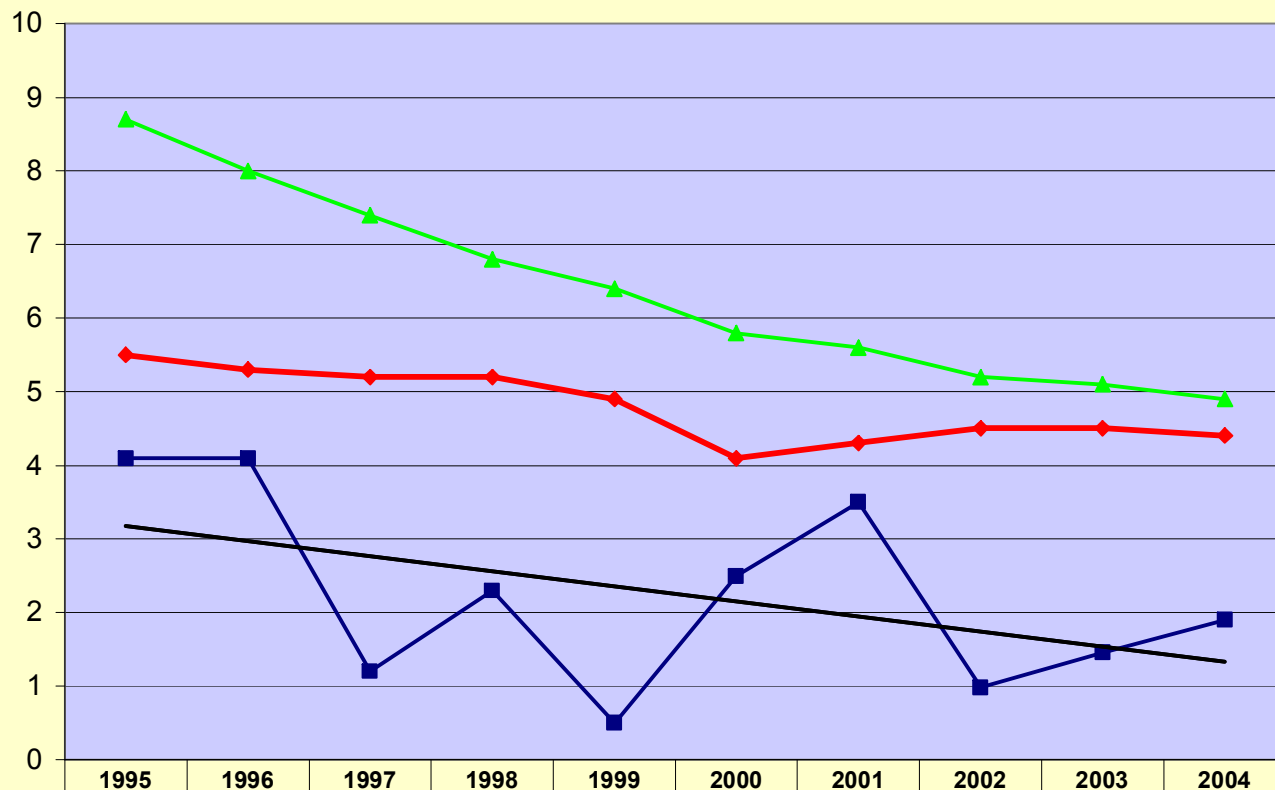


◆ Chesapeake	8.9	8.4	9.1	8.4	8.2	8.4
■ Virginia	7.9	7.8	8	7.9	8	8.2
▲ Plnng. District 20	9.2	8.6	8.8	8.9	8.7	9.2

Tuberculosis (TB)



TB Case Rate/100,000 Population
(Trendline for Chesapeake)



	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
CHESAPEAKE CITY DIST.	4.1	4.1	1.2	2.3	0.5	2.5	3.5	1.0	1.45	1.90
VIRGINIA	5.5	5.3	5.2	5.2	4.9	4.1	4.3	4.5	4.5	4.4
National	8.7	8	7.4	6.8	6.4	5.8	5.6	5.2	5.1	4.9

Sexually-Transmitted Diseases (STDs)

- **Who is Being Infected?**
In the United States alone, an estimated **15.3 million new cases** of STDs are reported each year. This table shows the incidence and prevalence of some of the most common STDs.

STD ¹	Incidence *	Prevalence **
Chlamydia	3,000,000	2,000,000
Gonorrhea	650,000	***
Syphilis	70,000	***
Herpes (HSV)	1,000,000	45,000,000
Hepatitis B (HBV)	120,000	417,000
Genital Warts / Human Papillomavirus (HPV)	5,500,000	20,000,000
Trichomoniasis	5,000,000	***

*Estimated number of new cases each year

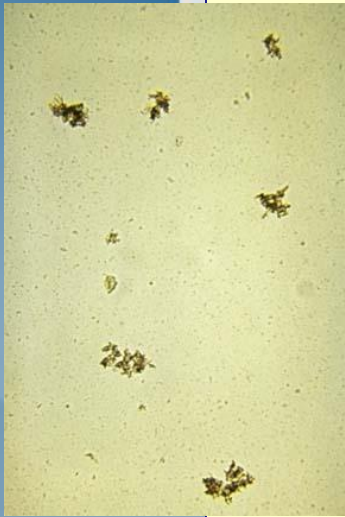
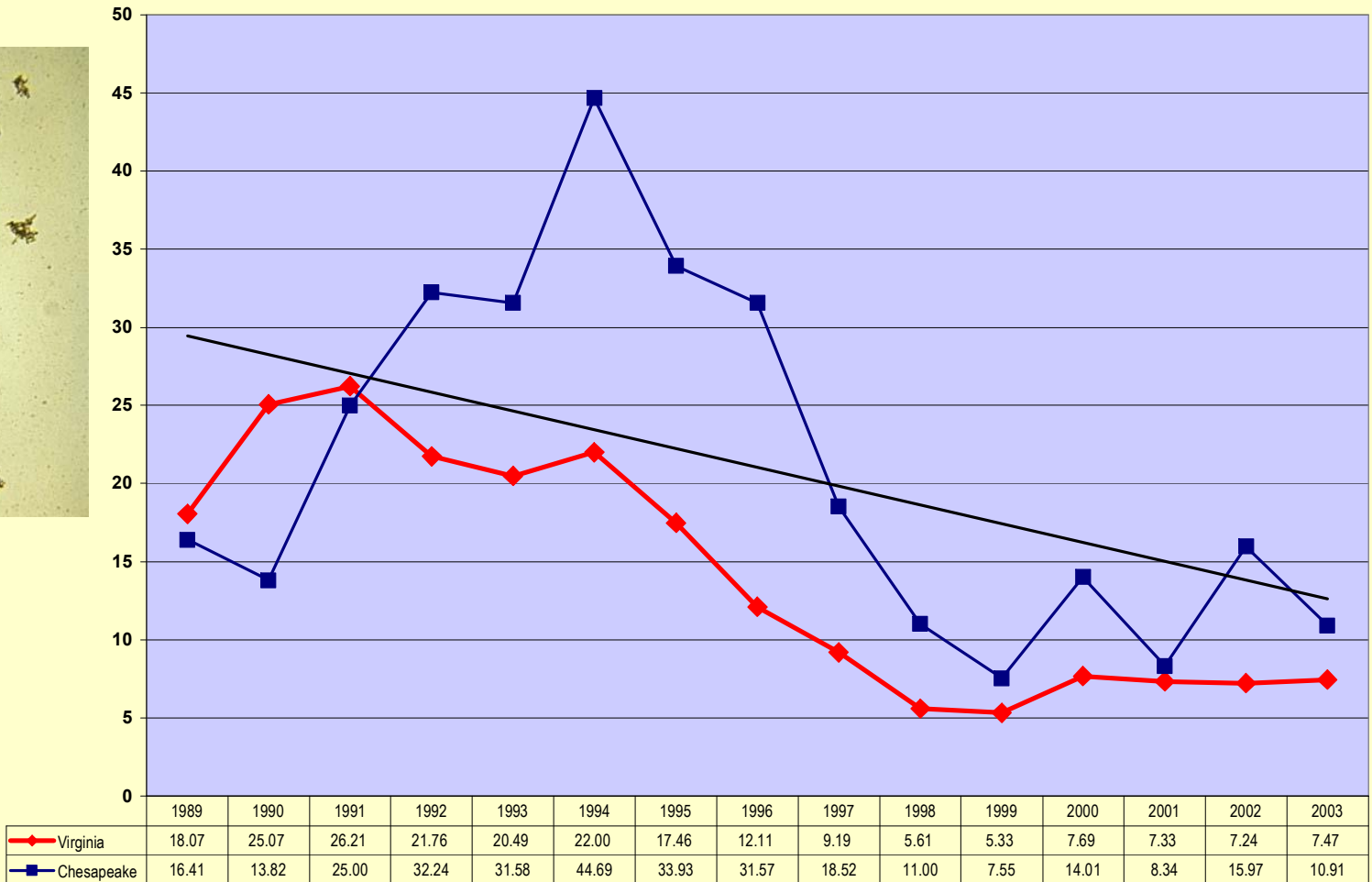
** Estimated number of people currently infected

*** No recent surveys on national prevalence for gonorrhea, syphilis, or trichomoniasis have been conducted.

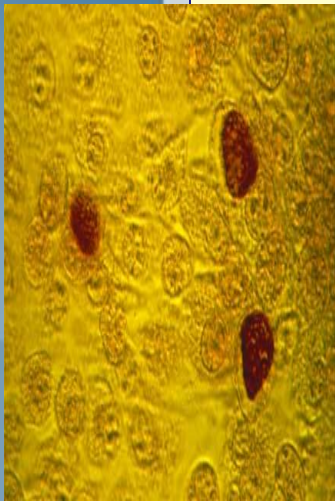
¹<http://www.cdc.gov/nchstp/od/news/RevBrochure1pdftoc.htm>

Syphilis

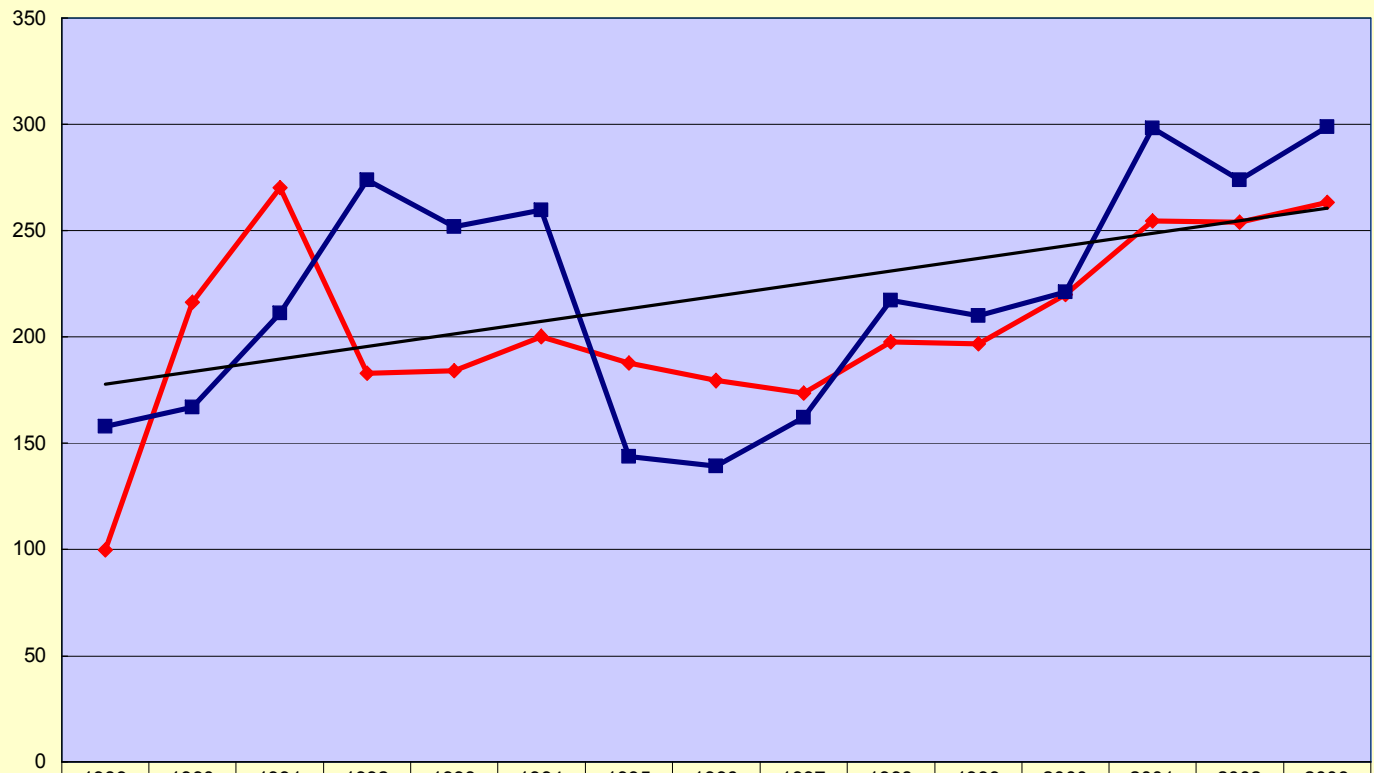
Total Syphilis Cases -- Rate/ 100,000 Population
(with trendline for Chesapeake)



Chlamydia



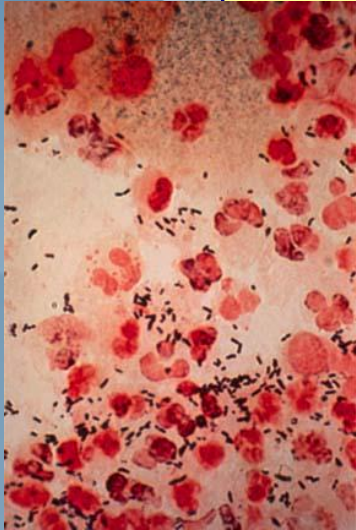
**Chlamydia -- Rate / 100,000 Population
(with trendline for Chesapeake)**



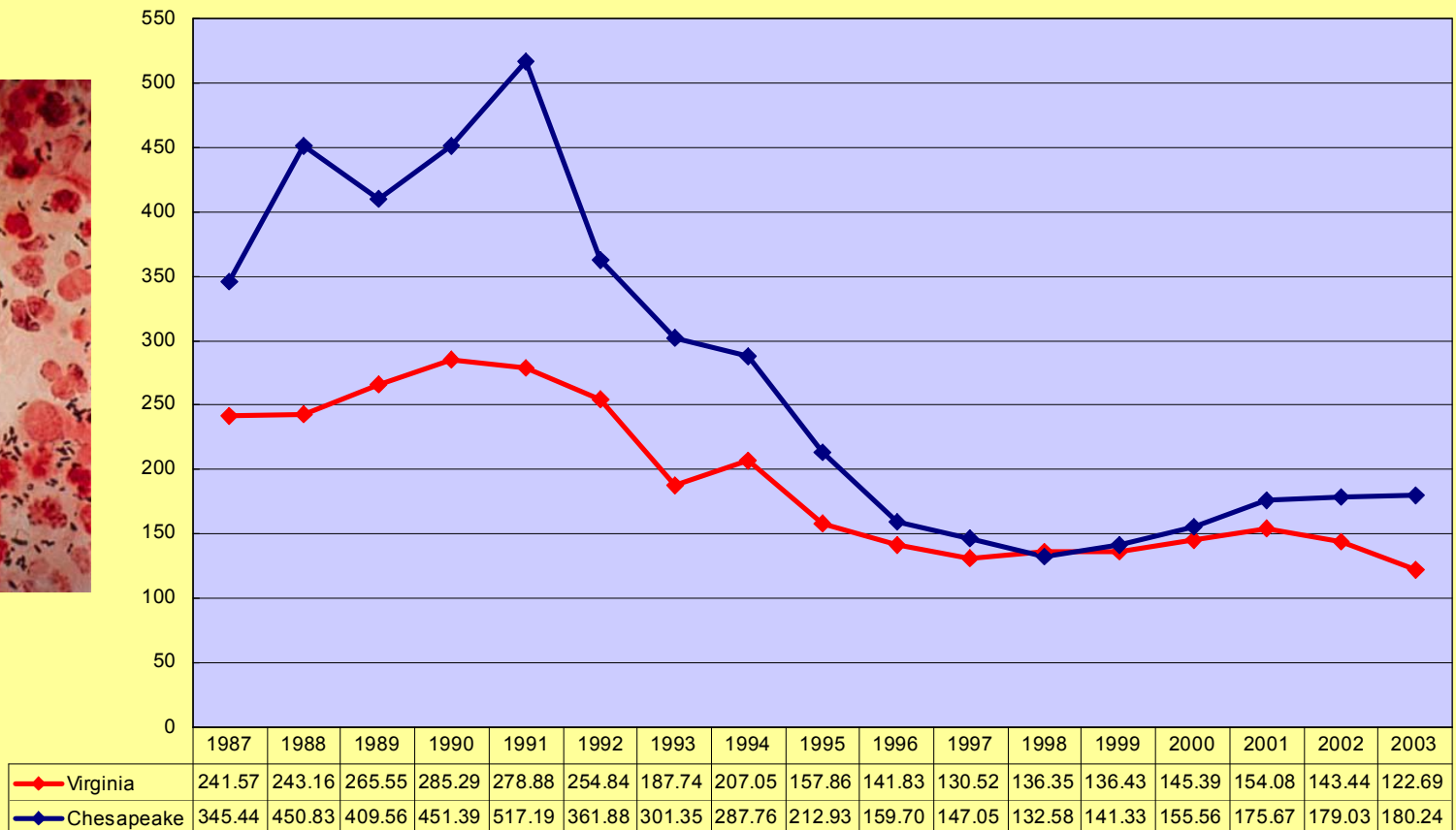
◆ Virginia	99.66	216.43	270.18	182.65	184.01	200.29	187.54	179.42	173.46	197.82	196.66	219.76	254.61	253.90	263.18
■ Chesapeake	157.69	167.13	211.22	273.72	252.00	259.65	143.91	139.23	162.21	217.30	209.83	221.26	298.34	273.87	298.81

Year

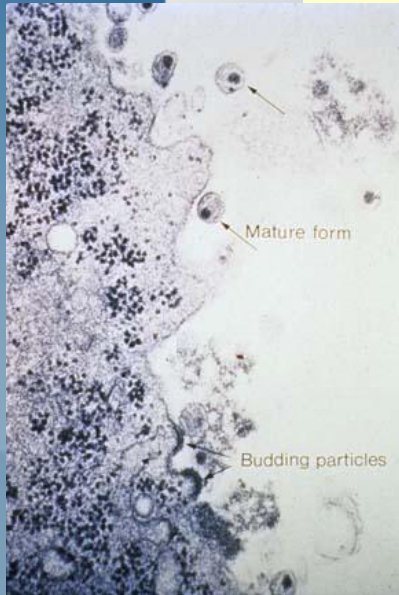
Gonorrhea



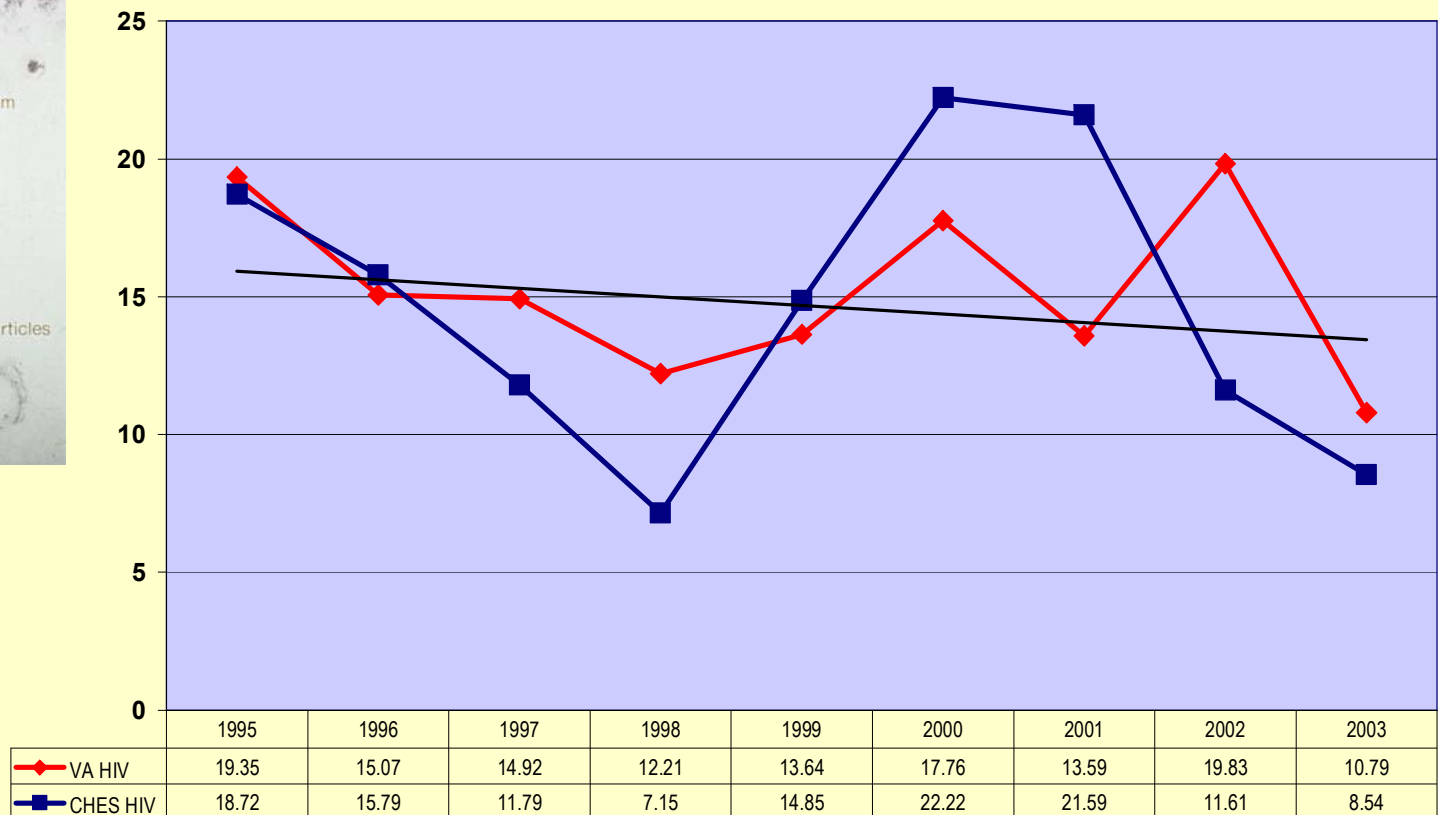
Gonorrhea -- Rate / Per 100,000 Population



HIV (comparison w/State)

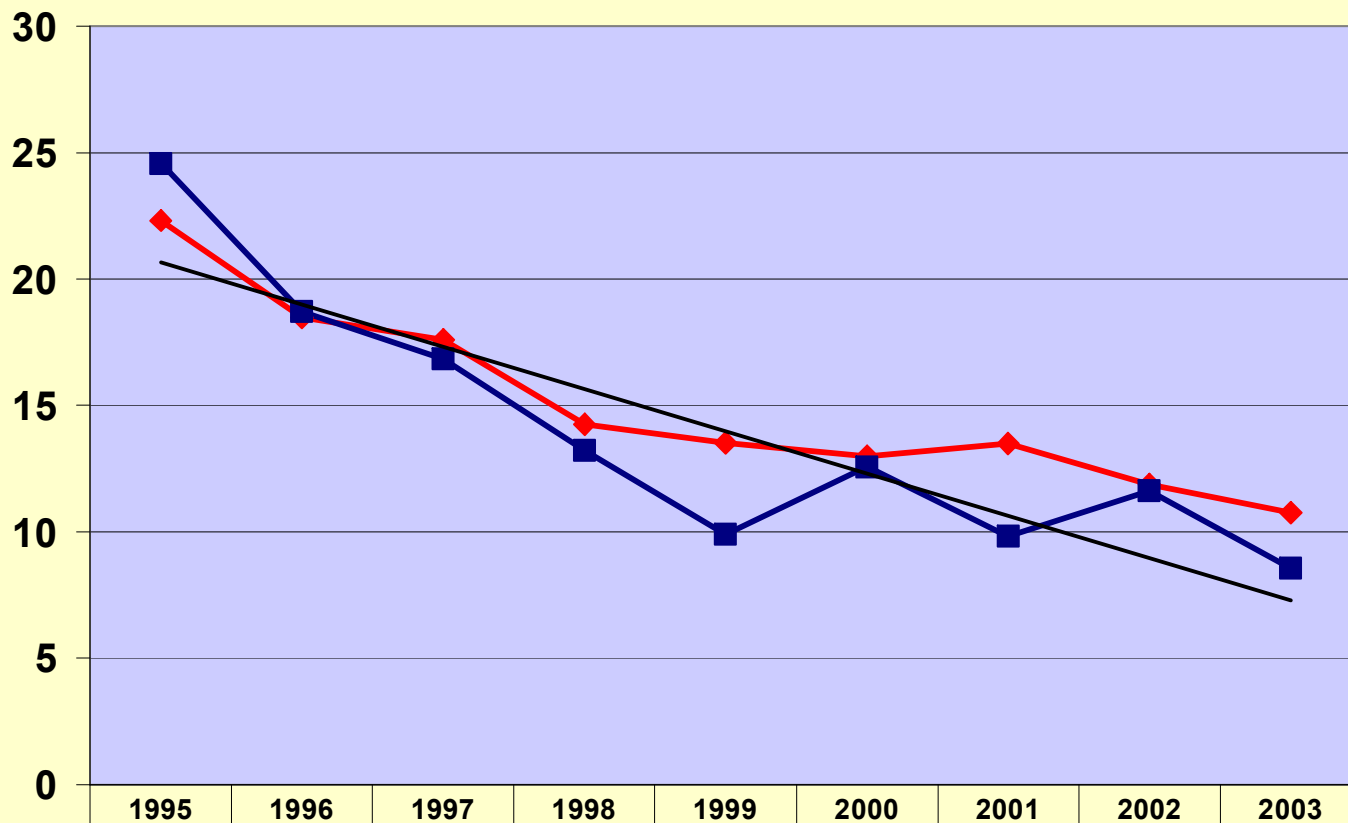


HIV Incidence Rate/100,000 Population
w/Chesapeake Trendline



AIDS (comparison w/State)

AIDS Incidence Rate/100,000 Population
w/Chesapeake Trendline



◆ VA AIDS	22.3	18.48	17.59	14.25	13.51	12.99	13.5	11.87	10.74
■ CHES AIDS	24.57	18.72	16.84	13.2	9.9	12.56	9.81	11.61	8.54

Summary –

Chesapeake Greater than State average



- Low Birth Weight
- Teen Pregnancy Rate
- Cardiovascular Disease Deaths
- Cerebrovascular Disease Deaths
- Chronic Lower Respiratory Disease Deaths
- Malignant Neoplasm Deaths **
- Infant Mortality for White Population **
- STD Rates (Syphilis, Chlamydia**, Gonorrhea)

**Increased over past 4 years

Summary –

Chesapeake Less than State average

- Diabetes Mellitus Deaths
- Alzheimer's Disease Deaths **
- Infant Mortality for Black Population
- HIV & AIDS Incidence

**Increased over past 4 years



Reference List:

- Va. Center for Health Statistics, Annual Reports, 1999, 2000, 2001, 2002, 2003
- Reportable Disease Surveillance, 2001, 2002, Va. Dept of Health, Office of Epidemiology
- HIV/STD Annual Statistics, 2003, Va. Dept of Health